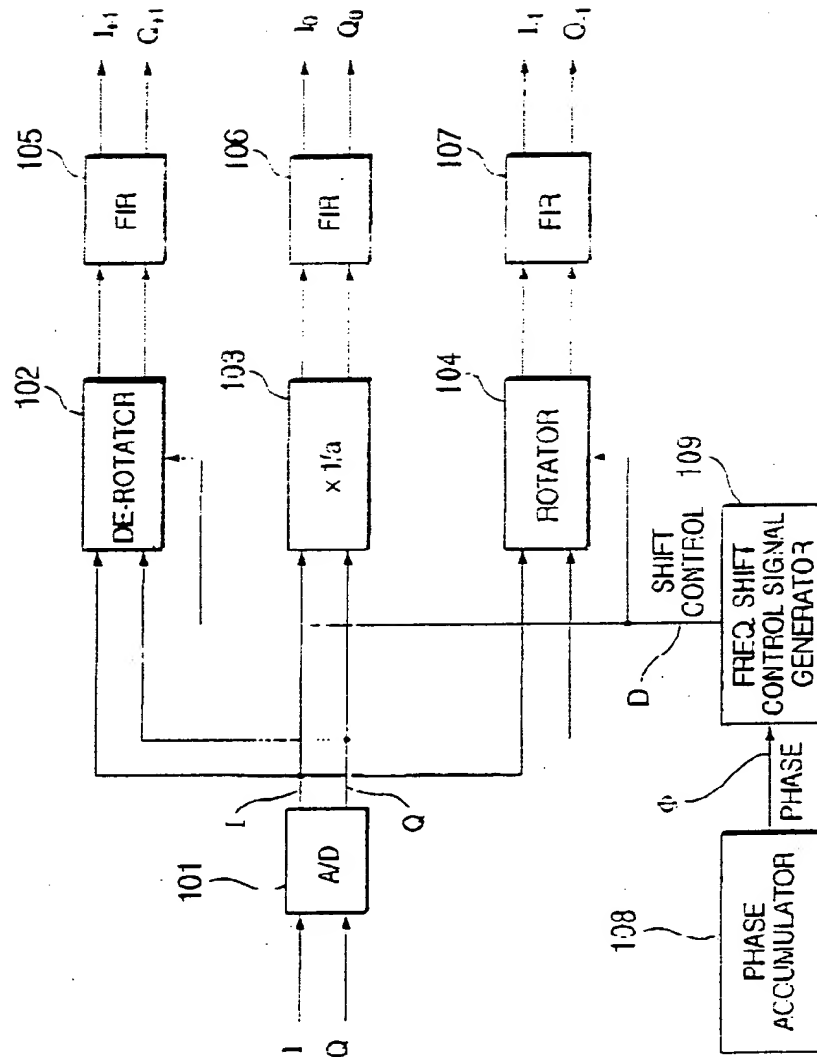


FQ5-461

1/8

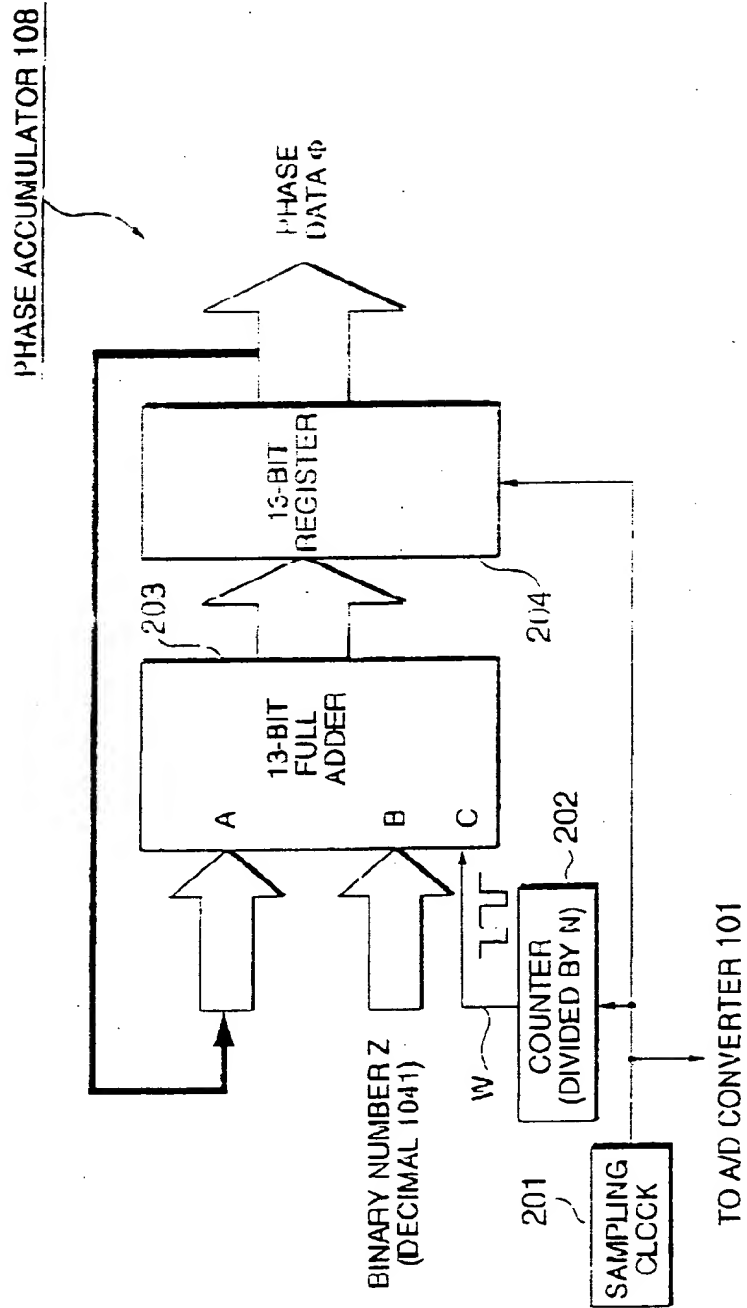
FIG. 1



FQ5-461

2/8

FIG. 2



FQ5-461

3/8

FIG. 3A

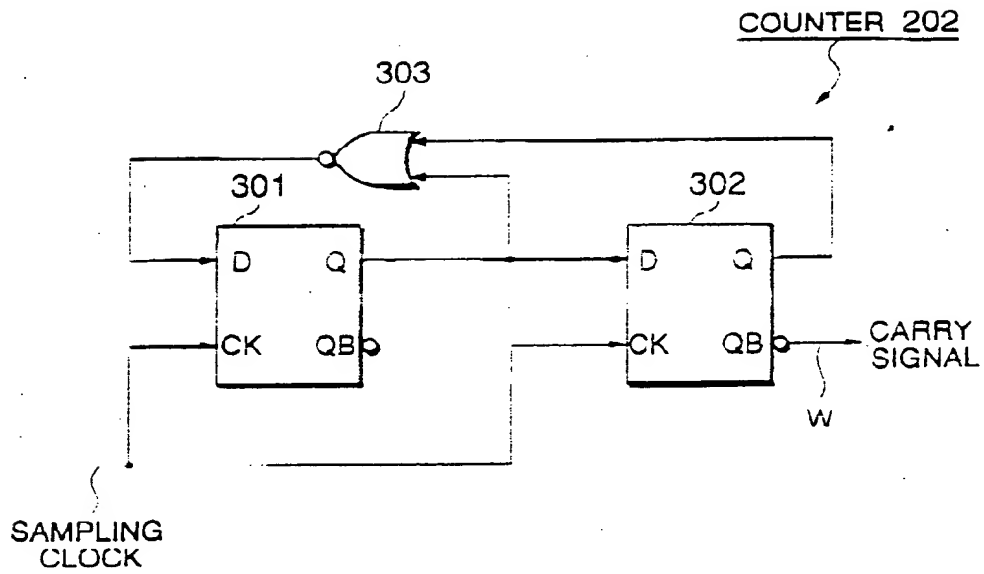
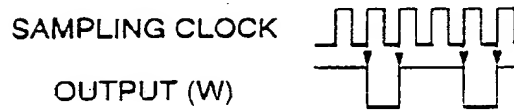


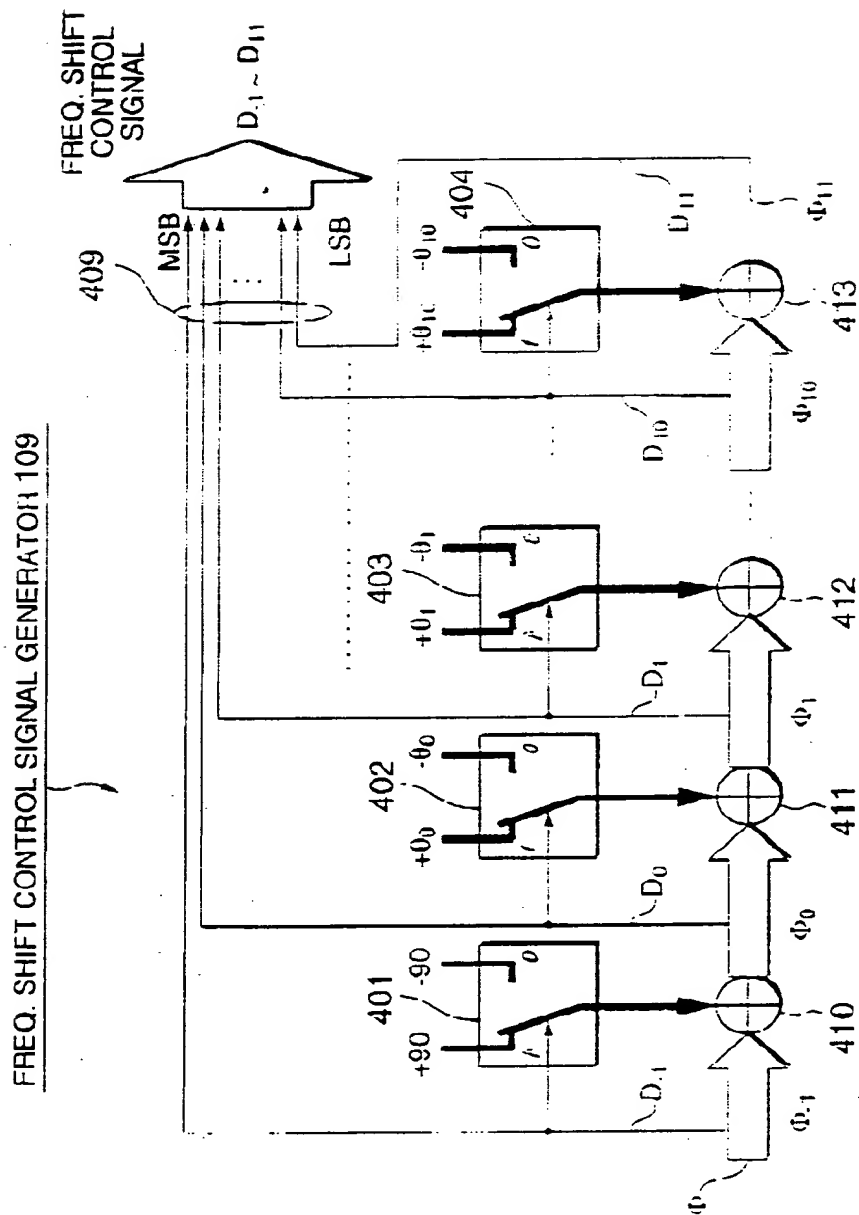
FIG. 3B



FQ5-461

4/8

FIG. 4



FQ5-461

5/8

FIG. 5

ROTATOR 104

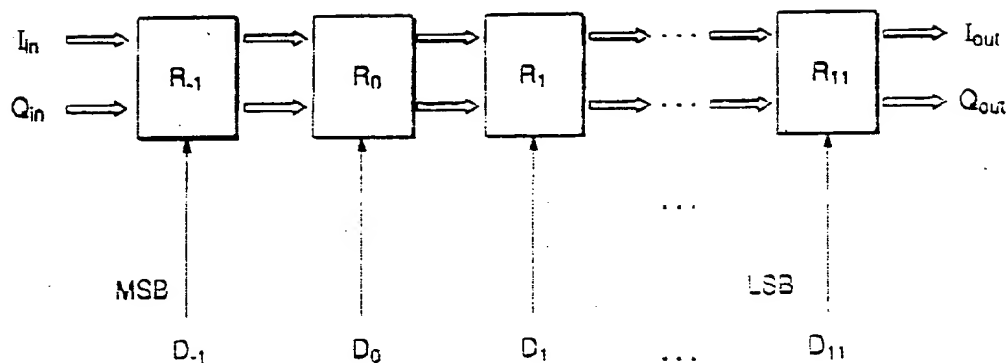
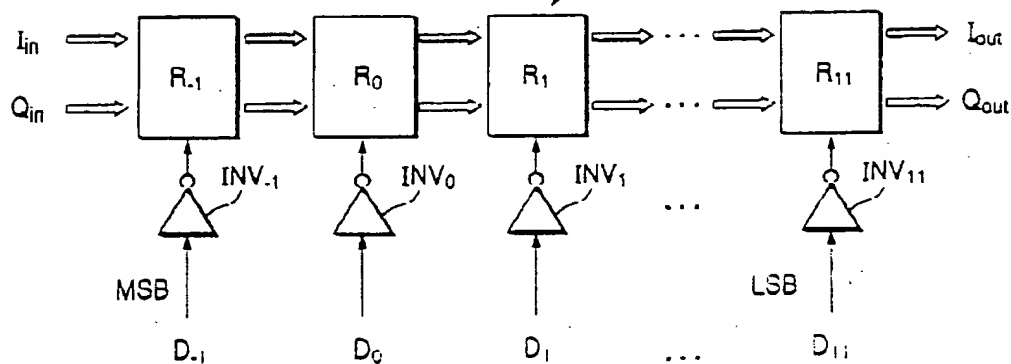


FIG. 6

DE-ROTATOR 102



**FQ5-461**

6 / 8

FIG. 7

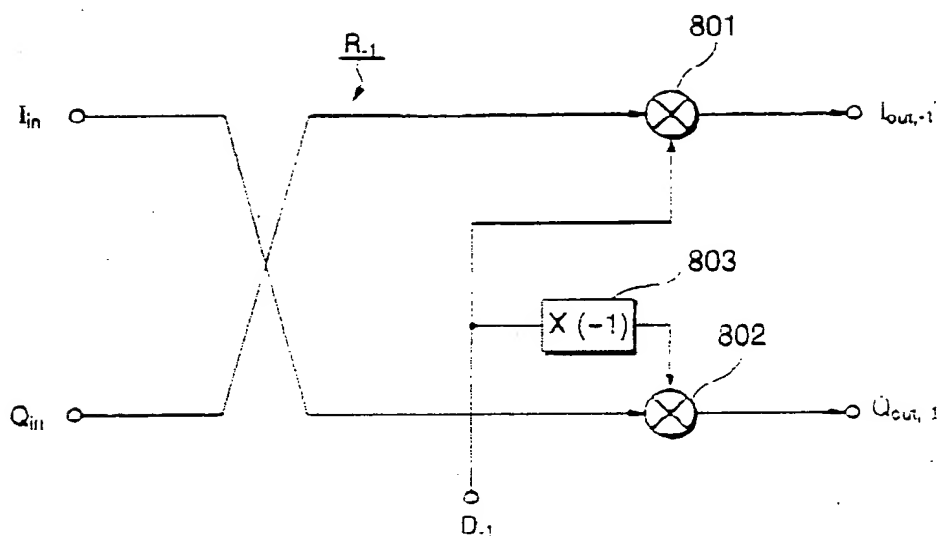
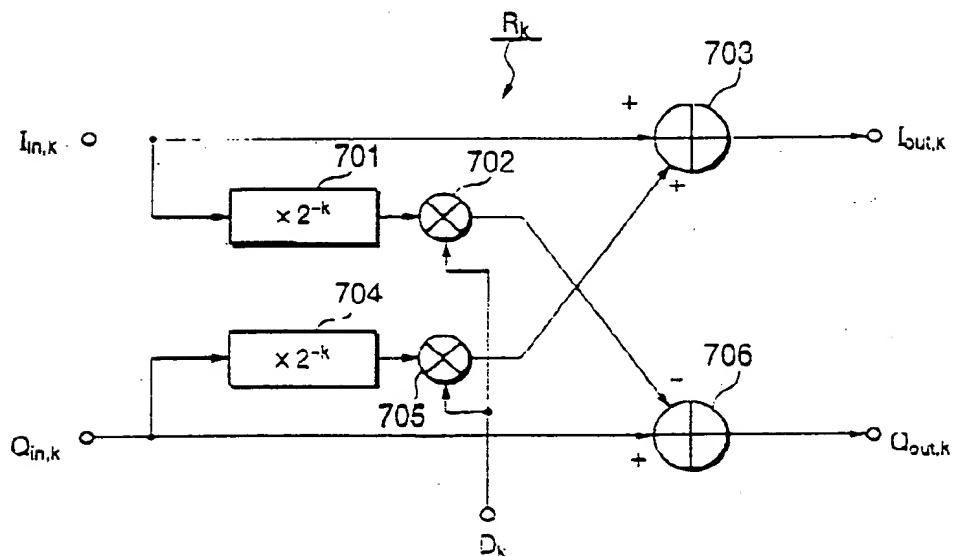


FIG. 8



FQ5-461

1/8

FIG. 9

k	$2^{-k}$	$\theta_k = \arctan(2^{-k})$	$\cos \theta_k$	$45 \times 2^{-k}$
0	1.000000000	45.000000000	0.7071067812	45.0000000000
1	0.500000000	26.5650511771	0.8944271910	22.5000000000
2	0.250000000	14.0362434679	0.9701425001	11.2500000000
3	0.125000000	7.1250163489	0.9922778767	5.6250000000
4	0.062500000	3.5763343750	0.9980525785	2.8125000000
5	0.031250000	1.7899106082	0.9995120761	1.4062500000
6	0.015625000	0.8951737102	0.9998779520	0.7031250000
7	0.007812500	0.4476141709	0.9999694838	0.3515625000
8	0.003906250	0.2238105004	0.9999923707	0.1757812500
9	0.001953125	0.1119056771	0.9999980927	0.0878906250
10	0.0009765625	0.0559528919	0.9999995232	0.0439453125
11	0.0004882813	0.0279764526	0.9999998808	0.0219726563
12	0.0002441406	0.0139862271	0.9999999702	0.0109863281
13	0.0001220703	0.0069941137	0.9999999925	0.0054931641
14	0.0000610352	0.0034970569	0.9999999981	0.0027465820
15	0.0000305176	0.0017485284	0.9999999995	0.0013732910

004740 62264560

FQ5-461

8/8

FIG. 10

